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TY-50

Complex Inorganic Color Pigment

TIPAQUE[®] YELLOW TY-50

TY-50 is a solid solution with a lemon yellow color obtained by thermodiffusion of antimony and nickel atoms into the crystal lattice of rutile titanium dioxide. This process is done under ultrahigh processing temperatures. This product will not decompose into nickel or antimony components. It is meant to provide high hiding power and excellent durability in its colorfastness to light and resistance to weather, heat, and chemical conditions.

Chemical and Physical Characteristics

TY-50

Composition	Ti, Sb, Ni
Color	Lemon Yellow
TiO ₂ Content	78 %
Particle Size (µm)	.40
Specific Gravity	4.4
Oil Absorption (g/100g)	17
Residue on 325 Mesh	0.01% Max.
Durability	Excellent
Major Post-Treatment	None

Suggested Uses

- Plastics
- Paints
- Printing Inks

C.I. References

C.I. Name Pigment Yellow 53

C.I. No. 77788

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